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Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

CLAIMS AS FILED - PART I							ENTITY	OR	OTHER THAN	
	<u> </u>		Column 1)		imn 2)	TYPE RATE	TYPE		SMALL ENTITY	
FC	л ————	NOWB	ER FILED	NOMBER	NUMBER EXTRA		FEE]	RATE	FEE
ВА	ASIC FEE						345.00	OR		690.00
то	TAL CLAIMS	21/5	minus 2	20= *	lr.	X\$ 9=	1	OR	X\$18=	108
INDEPENDENT CLAIMS // minus 3 = *						X39=		OR	X78=	312
MULTIPLE DEPENDENT CLAIM PRESENT						+130=		OR	+260=	260
* If	the difference	TOTAL	+	OR	TOTAL	1374				
	C	LAIMS AS A	MENDED) - PART II					OTHER	
		(Column 1)	.,	(Column 2)	(Column 3)	SMALL	ENTITY	OR	SMALL	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDW	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X39=		OR	X78=	
<u> </u>	FIRST PRESE	NTATION OF M	ULTIPLE DEF	PENDENT CLAIM		+130=	1	1 1	+260=	
								OR	+20U= TOTAL	
						TOTA ADDIT. FE		OR	ADDIT. FEE	L
			-							
		(Column 1)	The Tree & not the parties the	(Column 2)	(Column 3)			- -		
ENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY	PRESENT	RATE X\$ 9=	TIONAL	OR	RATE X\$18=	ADDI- TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR **	PRESENT EXTRA =		TIONAL	1	,	ADDI- TIONAL
	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA =	X\$ 9= X39=	TIONAL	OR	X\$18= X78=	ADDI- TIONAL
	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR **	PRESENT EXTRA =	X\$ 9= X39= +130=	TIONAL FEE	OR OR	X\$18= X78= +260=	ADDI- TIONAL FEE
	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR **	PRESENT EXTRA =	X\$ 9= X39=	TIONAL	OR OR	X\$18= X78=	ADDI- TIONAL FEE
	Independent	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * * * * (Column 1)	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** PENDENT CLAIM (Column 2)	PRESENT EXTRA =	X\$ 9= X39= +130=	TIONAL	OR OR	X\$18= X78= +260=	ADDI- TIONAL FEE
C AMENDMENT	Independent	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** PENDENT CLAIM	PRESENT EXTRA	X\$ 9= X39= +130=	TIONAL	OR OR	X\$18= X78= +260=	ADDI- TIONAL FEE
C AMENDMENT	Independent	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA = (Column 3)	X\$ 9= X39= +130= TOTAL ADDIT. FEE	TIONAL FEE ADDI- TIONAL	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE	ADDI- TIONAL FEE
C AMENDMENT	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER	Minus ULTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA = (Column 3) PRESENT EXTRA	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9=	TIONAL FEE ADDI- TIONAL	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE RATE X\$18=	ADDI- TIONAL FEE
AMENDMENT	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * COlumn 1) CLAIMS REMAINING AFTER AMENDMENT * *	Minus ULTIPLE DEF Minus Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR **	PRESENT EXTRA = = (Column 3) PRESENT EXTRA = = =	X\$ 9= X39= +130= TOTAL ADDIT. FEE	TIONAL FEE ADDI- TIONAL	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE	ADDI- TIONAL FEE
AMENDMENT C AMENDMENT	Independent FIRST PRESE Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus ULTIPLE DEF Minus Minus ULTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** PENDENT CLAIM	PRESENT EXTRA = (Column 3) PRESENT EXTRA = = =	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9= X39= +130=	ADDI- TIONAL FEE	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE X\$18= X78= +260=	ADDI- TIONAL FEE ADDI- TIONAL FEE
AMENDMENT C AMENDMENT	Independent FIRST PRESE Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus Minus Minus Minus ULTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** *** *** ***	PRESENT EXTRA = = =	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9= X39= +130=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE RATE X\$18= X78=	ADDI- TIONAL FEE

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PATENT APPLICATION FEL ETERMINATION RECORD Effective October 1, 2001 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE FOR BASIC FEE NUMBER FILED NUMBER EXTRA 370.00 OR BASIC FEE 740.00 TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 =X42 =X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +140= +280= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 3) (Column 2) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE RATE **PREVIOUSLY** TIONAL **AFTER EXTRA** AMENDMENT PAID FOR FEE FEE Total · Minus X\$.9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140 = .+280= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-8 ADDI-REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL **AFTER PREVIOUSLY EXTRA AMENDMENT** PAID FOR FEE . FEE. **Total** Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR TOTAL TOTAL ADDIT. FEE ADDIT, FEE (Column 1) (Column 3) (Column 2) HIGHEST CLAIMS ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL **PREVIOUSLY** RATE RATE **AFTER** TIONAL **EXTRA** AMENDMENT **PAID FOR** FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus = *** X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= OR +280= * If the entry in column 1 is less than the entry in column 2, write '0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT. FEE ADDIT, FEE ****If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

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PATENT APPLICATION F SE DETERMINATION RECORD

Effective October 1, 2001

09/542866

CLAIMS AS FILED - PART (Column 1)					(Column 2) SI			SMALL ENTITY TYPE		OR	OTHER THAN SMALL ENTITY	
TOTAL CLAIMS								RATE	FEE		RATE	FEE
FOR			NUMBER FIL	LED NUMBER		EXTRA	1	BASIC FEE	370.00	OR	BASIC FEE	740.00
TOTAL CHARGEABLE CLAIMS			minu	minus 20= *				X\$ 9=		OR	X\$18=	
INDEPENDENT CLAIMS			mine	ıs 3 =	<u> </u> *			X42=		OR	X84=	
MULTIPLE DEPENDENT CLAIM PRE			RESENT					+140=		OR	+280=	
* If t	he difference ir	n column 1 is	less than zer	o, ente	r "0" in col	umn 2	L	TOTAL		OR	TOTAL	
CLAIMS AS AMENDED - PART II						SMALLE	NTITY	OR _	OTHER SMALL			
AMENDMENT A		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGI NUN PREV	HEST	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	160	Minus	**/	7	= _/		X\$.9=		OR	X\$18 <i>=</i>	
MEN	Independent	*	Minus	***		=		X42=		OR	X84=	gradin that diagram
	FIRST PRESEN	ITATIÓN OF M	ULTIPLE DEP	ENDEN	IT CLAIM			+140=		OR	+280=	
:	<i>:</i> .		·		•		1	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)				(Column 3)				g · 1	·	
NT B		CLAIMS REMAINING AFTER AMENDMENT		NU PRE\	HEST MBER NOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	*	Minus	***	TT OI AIM	<u>-</u>		X42=		OR	X84=	
٩	FIRST PRESE	NTATION OF M	IULTIPLE DEP	ENDE	VI CLAIM		L	+140=		OR	+280=	
								TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEI	
		(Column 1)		(Col	umn_2)	(Column 3)					· ·	
NTC		CLAIMS REMAINING AFTER AMENDMENT		NL PRE	GHEST JMBER VIOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	*	Minus	**		2		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	*	Minus	***		=	1	X42=	·	OR	X84=	
	FIRST PRESE	NTATION OF	MULTIPLE DEI	PENDE	NT CLAIM			+140=		OR	+280=	
If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						 n.*	TOTAL		OR	TOTA	L	
** If the entry in column 1 is less than 10 is less than 20, enter *20." **If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter *3." **If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter *3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.												

PATENT APPLICATION RECORD 9/542,866 Effective October 1, 2001 **CLAIMS AS FILED - PART I SMALL ENTITY** OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY **TOTAL CLAIMS RATE** FEE RATE FEE FOR BASIC FEE NUMBER FILED NUMBER EXTRA 370.00 BASIC FEE 740.00 OR TOTAL CHARGEABLE CLAIMS 25 minus 20= X\$ 9= X\$18= 126.00 OR INDEPENDENT CLAIMS minus 3 = X42= 336.00 X84 =OR MULTIPLE DEPENDENT CLAIM PRESENT +140= +280= OR 28000 * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR 1482 **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY OR **SMALL ENTITY** (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-**AMENDMENT'A** REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL **AFTER PREVIOUSLY EXTRA AMENDMENT** PAID FOR FEE FEE **Total** Minus クち X\$-9= X\$18= OR Independent Minus X42= X84= AQ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280≥ OR TOTAL ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT **AFTER PREVIOUSLY** RATE TIONAL RATE\ TIONAL **EXTRA AMENDMENT** PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= 280= OR TOTAL TOTAL OR ADDIT, FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST **ENDMENT C** ADDI-**ADDI** REMAINING NUMBER PRESENT RATE TIONAL TIONAL **AFTER PREVIOUSLY** RATE **EXTRA AMENDMENT** PAID FOR FEE FEÉ Total Minus X\$9=X\$18=OR Independent * Minus X42 =X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

TOTAL

ADDIT: FEE

TOTAL

ADDIT. FEE

abblication of Docket Number

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.